



ISNS News

International Society for Noni Science

Half Yearly Publication of the Society

Volume I (No. 1)

(For Private Circulation Only)

July, 2012

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From the Desk of the President....

I am happy to announce that International Society for Noni Science (ISNS) is planning to bring out a six monthly ISNS News as an official News letter of the Society. ISNS is a registered society with registration No. 223 of 2011 under Tamil Nadu Societies Registration Act, 1975 (Tamil Nadu Act 27 of 1975). You all know that the Society was born on 2nd October, 2010 at plenary session of the First World Noni Congress with the following objectives:



- To cultivate and promote research, education and extension/development of Noni.
- To recognize and support excellence achieved in scientific research and development in the field of Noni by individual scientists, inter-disciplinary teams, recognized institutions, learned societies, industries, progressive farmers, traders and others interested on any aspect of Noni
- To promote, contact and cooperate among R & D personnel working on Noni at National and International institutes.
- To publish regularly the 'International Journal of Noni Research' and other R&D publications on Noni.
- To disseminate the knowledge on all aspects of Noni *viz.*, biodiversity, crop improvement, production, protection, processing, value addition, pharmacological and clinical research by organizing workshops, group discussion, symposium, seminar, conference, congress and publishing their proceedings.
- To promote, collaborate, coordinate, network and formulate intra and inter country research programmes by seeking funds from national and international donors, individuals and organizations.
- To undertake the activities like human resource development, men and material relevant to accomplish the aims and objectives of the society.
- To secure and manage funds and endowments for the promotion of Noni Science.
- To undertake other activities relevant to accomplish the above objectives.

As on date, two Corporate Fellows, one Corporate member, two Sustaining members, 568 life members have enrolled themselves with the society.

It also publishes a six monthly journal, 'International Journal of Noni Research', which covers the research findings on all aspects of Noni (*Morinda citrifolia* L.) generated all over the world. The society from now onwards has decided to bring out ISNS News so as to serve the members continuously.

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The present ISNS News is aimed to cater to the needs of all the members of ISNS which gives periodical update of all activities of ISNS including interesting findings and experiences of noni users and doctors. I firmly hope, the ISNS News will serve as common platform to share the wisdom and knowledge of Noni with everyone.

Kirti Singh
(Kirti Singh)

Message



On the eve of release of the First issue of "ISNS News", I offer my heart felt congratulations and compliments to all the readers. Established barely two years back, ISNS has grown into an active scientific society associated in my resolve to reach the message of wellness to one billion people by 2020. The ISNS also publishes an International Journal of Noni Research and organizes Noni Search- National Symposium every year. I compliment the President Dr. Kirti Singh for the dedicated service to the society and to whole humanity in the pursuit for wellness and health care.

I wish the "ISNS News" to flourish and continue to serve the cause of Noni Science.

P. V. Peter
(P. V. Peter)

Chairman, Noni BioTech, Chennai and
President, World Wellness Organization

Research News on Noni

World Noni Research Foundation (WNRF) founded in 2006 as a continuum of Indian Noni Research Foundation founded in 2001 began outsourcing research projects on Noni through research organizations like Indian Council of Agricultural Research, State Agricultural Universities, conventional universities and private organizations. So far 43 projects have been sanctioned and funded of which eight projects were concluded.

Key findings from the concluded projects are:

- A descriptor for Noni (*Morinda citrifolia* L.), for the first time in the world, has been prepared for the benefits of scientists working on diversity studies on Noni.
- The West Coast of Kerala and Karnataka were surveyed to study the prevalence of pests on Noni.
- For the first time, a protocol to produce tissue culture seedlings on large scale is standardized by WNRF.

The following insect pests were identified on Noni:

- White fly, *Dialeurodes kirikaldyi*; Thrips, *Heliothrips* sp.; Green hopper, *Flata ocellata* and *Hylamorphba byala*; Membracid bugs, *Leptocentrus tarus*; Short horned grass hopper, *Orthacris maindroni*; Green plant bug, *Nezara viridula*; Fruit fly, *Drosophila melanogaster*; Black fly, *Aleurocanthus woglumi*; Epilachna beetle, *Henosepilachna vigintioctopunctata*; scale, *Coccus viridis*; mealy bug, *Maconellicoccus birsutus* were the pests observed in varying proportions and distributions.

- The predominant insect pests observed on Noni were *B. tabaci*, *C. viridis*, *L. taurus*, *M. birsutus*, *O. maindroni* and *T. albipes*.
- Surveys conducted in four southern states - Andhra Pradesh, Karnataka, Kerala and Tamil Nadu - to study the prevalence of diseases revealed that anthracnose, *Alternaria* leaf blight, fruit rot, sooty molds and root knot nematode were the key diseases affecting Noni.
- Soil application of vermicompost (4kg), neem cake (500g) along with *P. fluorescens* + *B. subtilis* + *T. viride* and *Azospirillum* + Phosphobacterium (500g) and foliar spray of *P. fluorescens* + *B. subtilis* (@5g each / litre) were effective in managing the foliar diseases of Noni and also showed better plant vigour.
- The anti proliferative activity of *Morinda citrifolia* L. against human retinoblastoma Y79 cell line (children eye cancer) was established by MTT assay, light microscopy using Annexin V FITC staining and further confirmed by DNA fragmentation assay. The apoptosis induced by fruit extract of *M. citrifolia* in RB Y79 cells was caspase-3 dependent, which was further confirmed by RTPCR analysis. The active principle, scopoletin isolated from the fruits of *M. citrifolia* significantly induced apoptosis in RB Y79 cells with the IC₅₀ of 0.5 µg/ml. The cDNA microarray of scopoletin treated RB Y79 cells revealed that the genes related to apoptosis were significantly up-regulated, which was accompanied by down regulation of genes related to proliferation. From the results, it is concluded that *M. citrifolia* has promising anti proliferative activity against human RB Y79 cells.

Activities of ISNS

A. Executive Council Meetings

Sl. No.	Date	Important Decisions made
1	10-11-2010	<ul style="list-style-type: none"> • Office bearers of ISNS were nominated. • Types of membership and fee were fixed.
2	29-06-2011	<ul style="list-style-type: none"> • Registration of the Society and opening of separate account at Canara Bank, Adyar, Chennai were informed to members.
3	29-09-2011	<ul style="list-style-type: none"> • Created a new category of Institutional Membership. • Bye-laws were discussed. • Publication of Journals by ISNS was discussed.
4	22-03-2012	<ul style="list-style-type: none"> • Decided to dispense with annual membership fee and decided to permit the annual members to convert themselves to life members by paying additional amount of Rs.4000/- • Decisions were taken to organize the Seventh Noni Search 2012 during 6-7 October, 2012 at Chennai Trade Centre, Chennai.

B. General Body Meeting

Sl. No.	Date	Important Decisions made
1	01-10-2011	<ul style="list-style-type: none"> • GB ratified the nomination of office bearers of ISNS. • The Byelaws were approved.

C. Local Office Bearers' Meeting

Sl. No.	Date	Important Decisions made
1	29-01-2012	<ul style="list-style-type: none"> • Decided to prepare 'Hand book' of ISNS • Amended bye-law to be sent to Registrar of Society
2	14-06-2012	<ul style="list-style-type: none"> • Decided to merge Noni Clinical Research Journal with International Journal of Noni Research w.e.f. 2010 issues. • Decided to organize the seventh Noni Search-2012 with the theme, "Noni- The Tool for Wellness" • Decided to request H.E. The Governor of Tamil Nadu to be Chief Guest for Noni Search-2012. • Decided to organize Wellness Seminars one at New Delhi on 8th August, 2012 in collaboration with Indian Agricultural Research Institute, New Delhi and the second one on 7th September, 2012 at Orissa University of Agriculture & Technology, Bhubaneswar.
3	08-07-2012	<ul style="list-style-type: none"> • Took stock of the activities of ISNS and organizing wellness seminar, "Noni and Wellness" at New Delhi. • The format of journal and Editorial Board of 'International Journal of Noni Research' were finalized.

Awards and Recognition Received by ISNS Members

The Noni family feel proud and congratulate the members of ISNS who were awarded for their contributions during 2011-2012 as follows:

Dr. K. L. Chadha

- Padma Shri Award
- Life Time Achievement Award by CHAI

Dr. R. S. Paroda

- Prof. S. Kannaiyan Memorial Award by NABS

Dr. S. Ayyanppan

- Honorary Fellow of National Academy of Biological Sciences, Chennai
- BP Pal Memorial Award
- D.Sc. (*honoris causa*) by BHU, Varanasi; OUAT, Bhubaneswar; SKUAST, Jammu, JNKVV, Jabalpur; UAS, Dharwad and Veterinary Univeristy, West Bengal

Dr. H. P. Singh

- Honorary Fellow of National Academy of Biological Sciences, Chennai

Dr. Kokate Kiran Dattatraya

- D.Sc. (*honoris causa*) by Orissa University of Agriculture & Technology, Bhubaneswar

Prof. P. I. Peter

- D.Sc. (*honoris causa*) by Orissa University of Agriculture & Technology, Bhubaneswar

Dr. D. R. Singh

- Fakhruddin Ali Ahmed Award by ICAR

Dr. D. P. Ray

- HSI- Shiv Sakthi Award
- M.H. Mrigowda Award- Life Time Achievement Award in Horticulture
- Fellowship of Confederation of Horticulture Association of India (CHAI)
- NAAS Fellowship

Dr. Gurbachan Singh

- D.Sc. (*Honoris causa*) by Orissa University of Agriculture & Technology, Bhubaneswar

Dr. P. Das

- D.Sc. (*Honoris causa*) by Orissa University of Agriculture & Technology, Bhubaneswar

Dr. P. Rethinam

- Fellowship of Confederation of Horticulture Association of India (CHAI)

Dr. J. Subramani

- Fellowship of Confederation of Horticulture Association of India (CHAI)

Dr. Kirti Singh

- Life Time Achievement Award by Confederation of Horticulture Association of India

Dr. P. Selvam

- Outstanding Research Scientist on Noni award by WNRF

Er. Amitabha Kar

- BIOVED Fellowship Award

Dr. Anurudh Kumar Singh

- Dr. K.L Mehra Memorial Award

Dr. Surender K. Chauhan

- Fellowship of Confederation of Horticulture Association of India (CHAI)

Dr. V. Ponnuswami

- Madras Agriculture Students Union (MASU) Award
- TNAU Scientist Award
- Fellowship of Confederation of Horticulture Association of India (CHAI)

Dr. Ram Pal Gupta

- Outstanding Lifetime Achievement Award by Indian Society of Alliums
- Honorary Fellowship Award by BIOVED Research Institute of Agriculture & Technology

Dr. S. K. Malhotra

- HS Mehta Award
- Fellowship of Confederation of Horticulture Associations of India (CHAI)

Krishi Pandit Dr. Narayan Chawda

- Chhattisgarh Super Brand Award by Chief Minister of Chhattisgarh

Publications on Noni

Books / Booklets

- Peter, P. I. and Peter, K.V. 2008. Monograph on Noni (*Morinda citrifolia* L.). *World Noni Research Foundation, Chennai, India*, p.863.
- Peter, P.I. and Peter, K.V. 2009. Compendium of Noni Research. *World Noni Research Foundation, Chennai, India*, p.884.
- Marimuthu, T and Peter, P. I. 2010. Noni (*Morinda citrifolia* L.)- A Text Book, *World Noni Research Foundation, Chennai, India*, p.113.
- Marimuthu, T and Peter, P.I. 2011. World Noni Research Foundation- An overview, *World Noni Research Foundation, Chennai, India*, p.
- Peter, P. I. 2008. All about Noni. *Noni Publications, Bangalore, India*, p.52.

Technical Bulletins

- Anuradh K. Singh. 2010. Descriptors for Noni (*Morinda citrifolia* L.), WNR Technical Bulletin: 1, *World Noni Research Foundation, Chennai, India*, p.43.
- Malarvannan, S. 2010. Surveillance of insect pests of *Morinda citrifolia* L. and *Morinda pubescens* J.E. Sm. in West Coast of Kerala and Karnataka. WNR Technical Bulletin: 2, *World Noni Research Foundation, Chennai, India*, p.28.
- Kannaiyan, J. 2010. Diseases of *Morinda* in South India and their eco-friendly management. WNR Technical Bulletin: 3, *World Noni Research Foundation, Chennai, India*, p.21.
- Jayakumar, M. 2010. Pests and their natural enemies of *Morinda* in South India. WNR Technical Bulletin: 4, *World Noni Research Foundation, Chennai, India*, p.29.
- Mathivanan, N. and Krishna Kumar, S. 2010. Antiproliferative activity of *Morinda citrifolia* L. On human retinoblastoma. WNR Technical Bulletin: 5, *World Noni Research Foundation, Chennai, India*, p.36.
- Sithanantham, S., Mathivanan, N., Marimuthu, T., Kannaiyan, J., Jayakumar, M. and Nakkeeran, S. 2010. Identification of Pests and Diseases of Noni- A Hand book. WNR Technical Bulletin: 6, *World Noni Research Foundation, Chennai, India*, p. 59.

Proceedings

- Rethinam, P. 2006. (Ed.) Noni Search 2006- Proceedings of First National Symposium on Noni Research, Hyderabad, October, 7-8, 2006. *World Noni Research Foundation, Chennai, India*, p. 25.
- Rethinam, P. 2007. (Ed.) Noni Search 2007- Proceedings of Second National Symposium on Noni for Health and Wellness, Chennai, October, 27-28, 2007. *World Noni Research Foundation, Chennai, India* p. 232.

- Rethinam, P. and Marimuthu, T. (Eds.), 2009. Noni Search 2008. Proceedings of Third National Symposium on Noni for Health and Wellness, October, 18-19, 2008. *World Noni Research Foundation, Chennai, India* p.
- Rethinam, P. and Marimuthu, T. 2010. (Eds.) Proceedings of Fourth National Symposium- Noni for Empowerment and Prosperity, 24-25 October, 2009, Chennai, *World Noni Research Foundation, Chennai, India*, p. 268.
- Rethinam, P. and Marimuthu, T. 2010. (Eds.) Proceedings of First World Noni Congress-201, 1-3 October, 2010, Chennai, *World Noni Research Foundation, Chennai, India*, p. 544.
- Rethinam, P. and Marimuthu, T. 2011. (Eds.) Proceedings of Sixth National Symposium, Noni-A Panacea for Wellness, 1-2 October, 2011, Chennai, *World Noni Research Foundation, Chennai, India*, p. 396.

Special Lectures

- Rethinam, R. and Marimuthu, T. 2010. (Eds.) Special Lectures by Eminent Scientists. First World Noni Congress-Noni for Global Wellness, 1-3 October, 2010, *World Noni Research Foundation, Chennai, India*, p.63.

Recent Articles Published

- Singh, A. K. 2010. Probable agricultural biodiversity heritage sites in India: VII. The Arid Western Region. *Asian Agri-History*, 14 (4): 337-359.
- Peter, P.I., Kirti Singh, Marimuthu, T. and Peter, K.V. 2010. Noni-Future fruit for health and wellness. *Agriculture Year Book-2010, Agriculture Today*, pp: 160-161.
- Peter, P.I., Kirti Singh, Marimuthu, T. and Peter, K.V. 2010. Noni (*Morinda citrifolia* L.)- An introduction. *Souvenir of the 4th Indian Horticulture Congress-2010 on Horticulture, Horti-Business and Economic Prosperity, November, 2010, New Delhi, India*. pp: 134-140.
- Manjunath Hubballi, Sevugapperumal Nakkeeran, Thiruvengadam Raguchander, Lingam Rajendran, Perumal Renukadevi and Ramasamy Samiyappan. 2010. First report of leaf blight of noni caused by *Alternaria alternata* (Fr.) Keissler. *Journal of General Plant Pathology*, 76: 284-286.
- Manjunath Hubballi, Sevugapperumal Nakkeeran, Thiruvengadam Raguchander, Theerthagiri Anand and Ramasamy Samiyappan. 2010. Effect of environmental conditions on growth of *Alternaria alternata* causing leaf blight of Noni. *World Journal of Agricultural Sciences*, 6 (2): 171-177.

My Experience with Divine Noni

"I am using 'Divine Noni Gold' for the past four years and I find myself more energetic and healthy. I have also advised two of my friends who are Professors at Navsari Agricultural University, Navsari, Gujarat who are suffering from Diabetes to take Divine Noni Gold juice regularly. They are taking Noni for the last six months and they expressed happiness and they felt better and they have also reduced the medication"

-Dr. P. Retbinam, Plantation Crops Management Specialist, 18, Lakshmi Nagar, S.N. Palayam, Coimbatore- 641 007, India, E.mail :dr.retbinam@gmail.com

What Doctors say about Noni ?

Divine Noni Gold and Auto-immune diseases

Your body's immune system protects you from disease and infection. But if you have an autoimmune disease, your immune system attacks healthy cells in your body by mistake. Autoimmune diseases can affect many parts of the body. These diseases tend to run in families. There are more than 80 types of autoimmune diseases and some have similar symptoms.

Autoimmune diseases do not have one specific cause; rather, there seems to be a combination of factors involved. Oxidative stress plays a role in autoimmune diseases. It can be compared to a piece of metal rusting and results from the action of damaging molecules known as free radicals which are a natural byproduct of the body's metabolism. The electrically charged free radicals attack healthy cells, causing them to lose their structure and function and eventually destroying them. Free radicals are not only produced by our bodies, but they are also ingested from toxins and pollution in the air we breathe. Continued exposure to heavy metals and environmental pollution that overload the immune system disturb our immune system and develop auto immune disorders. On a daily basis, we battle with pesticides, herbicides, chemical fertilizers, industrial wastes, cigarette smoke and automobile exhaust. Our air, water and food in particular are full of toxic substances. There is no doubt that these toxins play a role in immune dysfunction.

Several autoimmune disorders, such as lupus, rheumatoid arthritis, Sjogren's syndrome and fibromyalgia are the result of disturbed immune system due to over oxidative stress. Inflammation can be traced to destructive cell-signaling chemicals known as cytokines which contribute to many degenerative diseases.

The autoimmune system needs a good nutritional foundation over a long period of time to alleviate or reverse lifestyle autoimmune dysfunction and to assist with combating fully developed autoimmune diseases.

Antioxidants are a broad group of compounds that destroy or neutralize free radicals in the body, thereby protecting against oxidative damage. In this regard, Divine Noni acts as a very powerful antioxidant. It contains all the anti oxidant vitamins, trace minerals and is rich in phyto nutrients.

Our body has evolved with endogenous defense mechanisms to protect against free radical induced cell damage. Glutathione peroxidase, catalase and superoxide dismutases are three primary antioxidant enzymes in our body, which are involved in direct elimination of free radicals or reactive oxygen species from our body. They require micronutrients such as selenium, iron, copper, zinc and manganese as cofactors for their formation and optimum catalytic and effective antioxidant activity. Noni contains all the trace minerals that help for optimum catalytic activity of those three important antioxidant enzymes for an effective antioxidant defense mechanism. Glutathione, ascorbic acid, alpha-tocopherol, beta-carotene, bilirubin, selenium, dihydrolipoic acid, reduced CoQ10, melatonin, uric acid etc., as a whole play a homeostatic or protective role against ROS produced during normal cellular metabolism and after active oxidation insult. Noni contains phyto chemicals which have strong antioxidant properties. Glutathione (GSH) is the most significant component which directly quenches Reactive Oxygen Species (ROS) such as lipid peroxides and plays major role in xenobiotic metabolism. Glutathione is a tripeptide made up of the amino acids gamma-glutamic acid, cysteine and glycine. Noni contains all those glutathione making amino acids in abundant number. Thus Noni increases the body's glutathione level. Noni stimulates more melatonin secretion from the pineal body.

Many dietary antioxidants are known as phytonutrients or phytochemicals that are being increasingly appreciated for their antioxidant activity. One example is flavonoids which are a group of polyphenolic compounds. Noni contains 160 + phytochemicals and is very rich in many flavonoids.

Dosage:

1st 3 days - 5 ml of Noni 12 hourly - morning and evening.
Next 3 days - 10 ml of Noni 12 hourly- morning and evening.
Next continuing doses - 15 ml (1 Noni cap) 12 hourly- morning and evening.

Water addition :

Add 10 times of luke warm water of the specified dose

-Dr. Rangadhar Satapathy, Head, Indian Noni Doctors Help-Line, HIG - 4/2, Housing Board Colony, PH - 1, Chandrasekharpur, Bhubaneswar - 751 016, Odissa, E.mail : inj_cancer@yahoo.com

News and Events

First Northern States' Wellness Congress

The First Northern States' "Wellness Congress" was jointly organized by World Wellness Organization, WNRF and ISNS at Jaunpur, UP, India on 14 & 15 April, 2012. It was attended by over 2000 delegates. Padma Shri Dr. K. L. Chadha, President, Horticultural Society of India, Member, Research Advisory Board, WNRF and Former DDG (Horticulture), ICAR, New Delhi presided. Dr. D.R. Kaarthikeyan, Former CBI Director and DG, Human Rights Commission inaugurated the Congress. Dr. Kirti Singh, Chairperson, WNRF and President, ISNS welcomed the gathering. Prof. P.I. Peter, Chairman, Noni BioTech, Chennai, Prof. Sundar Lal, Vice Chancellor, VBSPU, Jaunpur and Prof. Panjab Singh, Former DG, ICAR, New Delhi & Vice-Chancellor, BHU, spoke on the occasion.

The following eminent people spoke on various topics related to wellness during the two days seminar.

Sl. No.	Topic	Speaker
1.	Choose to be healthy- Your role in it.	Dr. Anju Venkat, Mumbai
2.	Miracle of life, miracle of body	Dr. Vijaya Venkat, Mumbai
3.	Nutrition and wellness	Dr. Anuradha Reddy, Hyderabad
4.	Wisdom and Wellness	Dr. D. S. Rathore, New Delhi
5.	Eradication from all sicknesses for positive health and total wellness	Dr. R. K. Tuli, New Delhi
6.	Health in your hands	Dr. Ketan Shah, Bangalore
7.	Fruits and vegetables for New Delhi	Dr. Brahma Singh, human wellness
8.	Wellness in daily living	Prof. P. I. Peter, Chennai
9.	Art of living	Shri Dinesh Singh, Jaunpur
10.	Nutrition, transition and wellness	Dr. Vidhyadhar Kawalkar, Bhopal
11.	Biology of wellness and the impact of Noni Rasayana	Prof. Ram Harsh Singh, Varanasi
12.	10 commandments and 10 concepts for wellness	Prof. P. I. Peter, Chennai
13.	Wellness and longevity	Col. (Retd.) B.K. Jha, Patna
14.	Wellness after sixty : Some tips	Dr. Kirti Singh, Jaunpur

"Jaunpur Declaration" Read by Dr. Kirti Singh

I, the participant of the First Northern States' Wellness Congress Jaunpur, do hereby pledge to follow and practice in my life the Wellness ideas, the Wellness concepts and the Wellness commandments that I heard and learned in this Congress and vow to live and to teach the same to all my known as well as unknown Brothers and Sisters who are around me. I will support them to adopt those ideas and concepts in their lives to lead a Wellness Life.

I commit to live Wellness and maintain my heart, mind and body as pure as crystal-clear water and sustain Wellness all through my life.

I will individually and collectively take forward the Village Wellness Awareness Movement. I declare that I will create a World of Wellness in me and pledge to see it a reality in the World.

I am committed to spread Wellness Awareness. I declare to spread Wellness Awareness to all villages in my state by 2018.

Aarokkiyamay Aanantham ! (Healthiness is Happiness)

Forthcoming "Noni and Wellness" Seminars

- A seminar on "Noni and Wellness" is being jointly organized by World Noni Research Foundation, International Society for Noni Science, World Wellness Organization and Indian Agricultural Research Institute, New Delhi on 8th August, 2012 at BP Pal Auditorium, IARI, New Delhi.
- A seminar on "Noni and Wellness" is being jointly organized by World Noni Research Foundation, International Society for Noni Science, World Wellness Organization and Orissa University of Agriculture and Technology, Bhubaneswar, Odisha on 7th September, 2012 at OUAT Campus, Bhubaneswar, Orissa.
- Noni Search 2012 - Seventh National Symposium on "Noni - The Tool for Wellness" is scheduled on 6-7 October, 2012 at Chennai Trade Centre, Chennai, Tamil Nadu.

**Enroll yourself as a member of
International Society for Noni Science and be a part of Wellness movement.**

Types of Membership

a. Life Membership fee	:	₹ 5,000/-	or	US\$ 250/-
b. Institutional Membership*	:	₹ 3,000/-	or	US\$ 150/-
c. Sustaining Membership	:	₹ 25,000/-	or	US\$ 1,250/-
d. Corporate Membership fee	:	₹ 1,00,000/-	or	US\$ 3,000/-
e. Corporate Fellow	:	₹ 2,00,000/-	or	US\$ 6,000/-

* Renewable every year

Details of Payment : ₹ / US\$ either as Cash or DD/ Multicity Cheque drawn in favor of "International Society for Noni Science" payable at Chennai.

E-transfer to Acct. No.: E-transfer to: Acct. No. 0942101030222 of ISNS

Other details of the Bank : IFSC code No: CNRB0000942

Bank: Canara Bank, Kasturiba nagar Branch, Adyar, Chennai – 600 020.

You can download your application form from the website: www.isns.in

Mail your filled in application to :

Prof. T. Marimuthu, Ph.D., FNABS.

Treasurer

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Disclaimer

The information published in this issue are based on research studies on Noni and meant for educational purpose only.

Published by

Prof. P. I. Peter, 12, Rajiv Gandhi Road, Perungudi, Chennai - 600 096, India
on behalf of International Society for Noni Science.